

MONASTYRSKIY, V.Ya.; BOGACHEV, S.I.; VASIL'YEV, A.N.

Heating of high-grade steel ingots with dolomite waste. Metallurg
10 no.10:17-19 0 '65. (KIRA 18:10)

1. Kuznetskiy metallurgicheskiy kombinat.

MONASTYERSKIY, V.Ye.; DUBROVIN, A.K.; IASKARONSKIY, E.N.; GLAZOV, A.N.;
DANILOV, P.M.; KOROVALOV, K.N.; MIKHEYEV, V.G.; TIDER, I.I.

Improving the technology of smelting, pouring, and heating
O - 2Kh13 steel ingots. Metallurg 10 no.12:14-16 D '65.

(MIRA 18:12)

1. Kuznetskiy metallurgicheskiy kombinat.

MONASUROVA, R.V.
PALKIN, G.A.: MONASUROVA, R.V.; BURAYA, L.K.

Materials on the constitutional characteristics of Bestushov cattle
under conditions prevailing in the Tatar A.S.S.R. Izv. Kazan. fil. AN
SSSR, Ser. biol. i sel'khoz. nauki no. 2: 117-141 '50. (MLHA 10:2)
(Tatar A.S.S.R.---Cattle breeds)

MONASYPOVA, M. V.

Monasyпова, M. V. "Our first experience in using domestic preparations of radium for treating cancer of the female reproductive organs," Trudy Kazansk. gos. med. in-ta, 1948, Issue 2, p. 83-92.

SO: U3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

MONASTYPOVA, M.V., assistant

Perforation of the uterus in abortion with the formation of a false aneurysm of the uterine artery. Kaz.-med.shur. 40 no.2: 75-76 Nr-Ap '59. (MIRA 12:11)

1. Iz 1-y kafedry akusherstva i ginekologii (zav. - prof.P.V. Manankov) Kazanskogo meditsinskogo instituta, na baze Respubli-
kanskoy klinicheskoy bol'nitsy (glavvrach - Sh.V.Bikchurin).

(ABORTION--COMPLICATIONS AND SEQUELAE)

(ANEURYSMS)

(UTERUS--DISEASES)

MANENKOV, P.V., prof.; MONASYPOVA, M.V.

Tatar A.S.S.R. Society of Obstetricians. Kaz. med. zhur.
no. 4:86 JI-Ag '60. (MIRA 13:8)
(TATAR A.S.S.R.—OBSTETRICS)

RAKHILIN, L.M., prof.; SOKOLOV, N.V., prof.; MONASYPOVA, M.V.;
PAYZULLIN, M.Kh., prof.; GALIMOV, I.Kh.

In the scientific medical societies of the Tatar A. S. S. R.
Kaz. med. zhur. no.2:94-96 Mr-Apr '62. (MIRA 15:6)
(TATAR A. S. S. R.—MEDICAL SOCIETIES)

KIM, G.V.; ABDEYEV, M.A.; MONASYPOVA, R.I.

Stabilization of metals in copper-cadmium sinter cakes. Trudy Ak.
GIMII AN Kazakh. SSR 14:100-103 '63. (MIRA 16:9)
(Nonferrous metals--Metallurgy)

FROLOVA, N.I.; CHERKES, F.K.; VAYNTRAUB, F.A.; VORONINA, T.P.; MONASZON, R.I.;
SPASSKAYA, Z.N.; SUPRONYUK, A.K.

Authors' abstracts. Zhur.mikrobiol., epid. i immun. 42 no.2:141
F '65. (MIRA 18:6)

1. Sanitarno-epidemiologicheskayastantsiya Kuybyshevskogo
rayona Moskvy.

PEREDY, Sandor; MONATH, Lajos; RAPELIUS, Karl (Leipzig); CALLENBERG, Waldemar (Leipzig); LIPKA, Ceslav (Praha); FREIBERGER, Rudolf, dr. ing. (Praha); SCHENKEL, Gerhard, dr. ing. (Karlsruhe); MIKULSKI, Jan, dr. ing. (Katowice); FRATZSCHER, Wolfgang, dr. ing. (Dresda); BENEDEK, Istvan; CUKOR, Gyorgy; SAGI, Marton; SOVARY, Emil; NAGY, Csaba (Roman Nepkostarsasag); ELEFTERESCU, M. (Roman Nepkostarsasag); KOVACS, Istvan (Roman Nepkostarsasag); LAZAR, Peter, dr.; MEJRO, Cs., prof. (Varso); KOKOVAY, Janos, dr.; SCHAEFER, Helmuth, dr. ing. (Karlsruhe); BORRAS, Nandor; GRUHN, Gunther, Dipl. ing. (Dresda); SZABO, Bendeguz; GYORI, Attila; MOLNAR, Lasslo; RECZEY, Gusztav, dr.

Determination and application of specific power utilization indexes. Ipari energia 3 no.1/2:15-22 Ja-F '62.

1. Koho- es Gepipari Miniszterium Ipargasdasagi es Uzemstervezesi Intezete (for Peredy).
2. Obudai Hajogvar (for Monath).
3. Orsagok Energiagazdalkodasi Hatosag (for Benedek and Reczey).
4. Magyar Tudomanyos Akademia Kozgazdasagtudomanyi Intezete (for Cukor and Sagi).
5. Erso Tervezo Iroda (for Sovary).
6. Konnyipari Miniszterium (for Kokovay).
7. Voros Csillag Traktorgyar (for Borras).
8. Kobanyai Muanyaggyar (for Szabo).
9. Koho- es Gepipari Miniszterium Energiaosztaly (for Molnar).

MONAYENKOV, A.M.

GORSHUNOVA, L.P.; MONAYENKOV, A.M.

Mechanism of induced symptomless infection. Dokl.AN SSSR 112
no.6:1142-1144 P '57. (MIRA 10:5)

1. Institut normal'noy i patologicheskoy fiziologii i Institut
virusologii Akademii meditsinskikh nauk SSSR. Predstavleno
akademikom A.D. Speranskim.

(INFECTION)

MOHAYENKOV, A.M.

Immunological reactivity as affected by the type of higher nervous function. Zhur. mikrobiol. epid. i immun. no.11:107-109 M '54.

(MIRA 8:1)

1. Iz laboratorii patofiziologii infektsiy i immuniteta (sveduyushchiy professor A.Ya.Alymov) Instituta patofiziologii i eksperimental'noy terapii Akademii meditsinskikh nauk SSSR (direktor - akademik A.D.Speranskiy)

(IMMUNITY)

(NERVOUS SYSTEM)

MONAYENKOV, A. M.

MONAYENKOV, A. M.—"Influence of Typological Peculiarities and the Functional State of the Nervous System on the Immunological Reactivity and Resistance of Animals to Dysentery Antigen." Acad Med Sci USSR, Inst of Normal and Pathological Physiology, Moscow, 1955 (Dissertation For the Degree of Candidate in Technical Sciences)

SO: Knizhnaya letopis', No. 37, 3 September 1955

MONAYENKOV, A.M.
USSR/Medicine - Pathophysiology

FD-2558

Card 1/1 Pub. 17 - 11/23

Author : Ostryy, O. Yu.; Monayenkov, A. M.

Title : Towards the pharmacological method for study of the reactivity of
 higher sections of the central nervous system

Periodical : Byul. eksp. biol. i med. 5, 40-42, May 1955

Abstract : Studied mechanism of reactive characteristics of higher sections
 of the C.N.S. on administration of barbamyi in combination with
 bromine and with caffeine. Investigated the extent to which the
 reactivity of the higher sections of the C.N.S. can be determined
 by means of the above drugs. Graphs. One references, USSR, 1943.

Institution : Institute of Pathological Physiology and Experimental Therapy
 (Director - Academician A. D. Speranskiy) of the Academy of Medical
 Sciences USSR, Moscow

Submitted : June 21, 1954 by Academician A. D. Speranskiy

MONAYENKOV, A.M.

Modifications in higher nervous activity following immunisation.
Zhur.mikrobiol.epid. i immun. no.7:74-77 J1 '55. (MLBA 8:9)

1. Iz laboratorii fiziologii immuniteta (sav.doktor biologicheskikh nauk D.F. Pletsityy) Instituta patofiziologii i eksperimental'noy terapii AMN SSSR (dir. akad. A.D. Speranskiy)

(VACCINES AND VACCINATION, effects,

on higher nervous funct.)

(CENTRAL NERVOUS SYSTEM, physiology,

eff. of vacc. on higher nervous funct)

MONAYENKOV, A.M.

Effect of prolonged stimulation through the sound of an electric bell on conditioned reflex activity in animals. Zhur.vys.nerv.deiat. 6 no.6:891-897 M-D '56. (MLRA 10:2)

1. Laboratoriya fiziologii immuniteta Instituta normal'noy patologicheskoy fiziologii AMN SSSR.

(CENTRAL NERVOUS SYSTEM, physiol.

eff. of noise of electric bell on higher nerv. funct. in white rats)

(NOISE, eff.

electric bell on higher nerv. funct. in white rats)

MONAYENKOY, A.M.

Effect of functional modifications on the reaction of the cerebral cortex to immunological activity. Zhur.mikrobiol.epid. i immun. 27 no.12:88-91 D '56.
(MIRA 10:1)

1. In Instituta normal'noy i patologicheskoy Fiziologii.
(SHIGELLA DYSENTERIAE, immunology,
antigens, eff. on animals exposed to sound stimulation
(Rus))
(SOUNDS, effects,
on antigenic action of Shigella dysenteriae (Rus))

PLETSITYI, D.F.; SHVAR, Ye.M.; MONAYENKOV, A.M.; BOROVIKOVA, Ye.P.;
LABINSKAYA, A.S.

Comparative effectiveness of subcutaneous and intramuscular tetanus
anatoxin injections in vaccination against tetanus. Zhur.mikrobiol.
epid. i immun. 28 no.4:3-10 Ap '57. (MLRA 10:10)

1. In Instituta normal'noy i patologicheskoy fiziologii ANU SSSR i
Krasnodarskoy krayevoy sanitarno-epidemiologicheskoy stantsii.
(TETANUS, prev. and control
vacc., comparison of effectiveness of subcutaneous
and intramuscular inject.)

MONAYENKOV, A.M.

USSR/General Problems of Pathology. Pathophysiology of
Infection.

U

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37113.

Author : Gorshunova, L.F., Monayenkov, A.M.

Inst :

Title : On the Mechanism of Provocation of Asymptomatic
Infection.

Orig Pub: Dokl. AN. SSSR, 1957, 113, No 6, 1142-1144.

Abstract: Of 127 rats subjected to bell sound irritation, 35 became spontaneously ill. Seven of those became ill after the 36-48th hour of stimulation. They died on the second or third day. The others became ill on the fourth to fifth day and died within 4-12 days. The morphological changes in all the dead

Card : 1/2

PLATSKYY, D.F., LABINSKAYA, A.S., MOHAYENKOV, A.M., KATSIDAZE, V.A.,
AMIANOVA, L.D.

Dynamics of blood antibody concentration immediately following
revaccination. Zhur.mikrobiol. epid. i imun. 29 no.7:103-107
Jl '58 (MIRA 11:8)

1. In Instituta normal'noy i patologicheskoy fiziologii ANU SSSR.
(DIPHTHERIA, immunology:
antibody in blood after revaccination in rabbits (Rus))
(TETANUS,
same (Rus))

PLETSITYIY, D.F., MONAYENKOV, A.M., KATSITADZE, V.A.

Dynamics of the hematic accumulation of anatoxin in human subjects following subcutaneous and intramuscular administration of adsorbed tetanus anatoxin; preliminary communication. Zhur. mikrobiol. i epid. i immun. 29 no.9:100-103 S'58 (MIRA 11:10)

1. Iz Instituta normal'noy i patologicheskoy fiziologii ANU SSSR i Krasnodarskoy krayevoy sanitarno-epidemiologicheskoy stantsii. (TETANUS, immunology, blood anatoxin after subcutaneous & intramusc. vacc (Rus))

MONAYENKOY, A.M.; KORCHENKINA, I.Ye.; MIKHAYLOVA, G.M.; DOMBRACHOVA, Z.V.

Physiological analysis of the individual immunological reactivity of horses used in the production of therapeutic and immune serums. Zhur. mikrobiol. epid. i immun. 30 no.10:60-67 O '59. (MIRA 13:2)

1. Iz Instituta normal'noy i patologicheskoy fiziologii ANU SSSR i Moskovskogo instituta vaktsin i syvorotok imeni Metchnikova.
(IMMUNE SERUMS)
(HORSES)

MONAYENKOV, A.M.

Some physiological regularities of changes in the immunological reactivity in animals with various types of nervous systems following vaccination. Zhur. mikrobiol. epid. i immun. 31 no.2: 50-54 D '60.
(MIRA 14:6)

1. Iz Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.
(IMMUNOLOGY) (NERVOUS SYSTEM)

MONAYENKOV, A.M.

Rate of antitoxin accumulation in the blood of rabbits shortly
after revaccination with purified sorbed diphtheria anatoxin.
Zhur.mikrobiol.epid.i immun. 31 no.8:55-56 Ag '60. (MIRA 14:6)

1. Iz Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.
(DIPHTHERIA)

MONAYENKOV, A.M.

Experience in a study of typological features of the nervous system of horses under conditions of unrestrained motor activity. Zhur.vys. nerv.deiat. 11 no.3:504-511 My-Je '61. (MIA 1417)

1. Laboratory of Immunity Physiology, Institute of Normal and Pathological Physiology, U.S.S.R. Academy of Medical Sciences, Moscow.

(TEMPERAMENT)

MONAYENKOV, A.M.

Nature of individual immunological reactivity in animals. Zhur.
mikrobiol. epid. i immun. 32 no.7:98-103 Je '61. (MIRA 15:5)

1. Iz Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.
(NERVOUS SYSTEM) (BLOOD PROTEINS) (IMMUNITY)

MOMAYENKOV, A.M.; OSTROVSKIY, Yu.B.

Effect of immunisation on the lysosyme content of saliva in animals.
Dokl.AN SSSR 138 no.5:1238-1240 Je '61. (MIRA 14:6)

1. Predstavleno akademikom V.N.Chernigovskim.
(LYSOZYME) (SALIVA) (VACCINATION)

PIETSITYY, D.F.; MONAYENKOV, A.M.

Physiological analysis of the role of nonspecific reflex influences
in the mechanism of acute pulmonary edema. Dokl. AN SSSR 141
no.6:1515-1517 D '61. (MIRA 14:12)

1. Institut normal'noy i patologicheskoy fiziologii Akademii meditsinskikh nauk SSSR. Predstavleno akademikom V.N.Chernigovskim.
(PULMONARY EDEMA) (SOUND--PHYSIOLOGICAL EFFECT)
(ADRENALINE)

PLETSITYY, D.F.; MONAYENKOV, A.M.; OSTROVSKIY, Yu.B.; BOYNIK, P.T.

Immunogenesis and nonspecific factors of natural resistance.
Report No.1: Effect of active immunization on the amount of
lysozyme in animal saliva. Zhur.mikrobiol., epid.i immun. 33
no.8:112-117 Ag '62. (MIRA 15:10)

1. Iz Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.
(VACCINATION) (LYSOZYME) (SALIVA)

PLETSITYI, D.F.; MONAYENKOY, A.M.

Central inhibition and acute pulmonary edema. Dokl. Akad. Nauk SSSR
142 no.4:965-967 F '62.
(MIRA '15:2)

1. Institut normal'noy i patologicheskoy fiziologii Akad. Nauk SSSR.
Predstavleno akademikom V.M.Chernigovskim.
(PULMONARY EDEMA)
(INHIBITION)

PLETSITYY, D.F.; MONAYENKOV, A.M.; OSTROVSKIY, Yu.B.

Correlation between the intensity of fundamental nervous processes in the cerebral cortex and the production of specific antibodies. Dokl.AN SSSR 144 no.1:242-244 My '62. (MIRA 15:5)

1. Institut normal'noy i patologicheskoy fiziologii Akademii meditsinskikh nauk SSSR. Predstavleno akademikom V.N.Chernigovskim.
(CEREBRAL CORTEX) (ANTIGENS AND ANTIBODIES)

MEYERSON, F.Z.; MONAYENKOV, A.M.

Anticardiac autoantibodies in cardiac hypertrophy. Dokl. AN SSSR
145 no.6:1421-1423 Ag '62. (MIRA 15:8)

1. Institut normal'noy i patologicheskoy fiziologii AN SSSR.
Predstavleno akademikom A.N. Bakulevym.
(ANTIGENS AND ANTIBODIES) (HEART FAILURE)

ACCESSION NR AM1024711

BOOK EXPLOITATION

S/

Monayenkov, A. M.

Individuality factor in immunity processes; reports of the Conference of the Institute and the Session of the Moscow Society of Pathophysiologists in Collaboration with Anaerobic Section of the Moscow Society of Microbiologists and Contagionists (Faktor individual'nosti v protsessakh immuniteta; materialy dokladov na konferentsii Instituta i zasedanii Moskovskogo obshchestva patofiziologov sovmestno s anaerobnoy sektiyei Moskovskogo obshchestva mikrobiologov, epidemiologov i infektsionistov), Moscow, 1963, 79 p. (At head of title: Akademiya meditsinskikh nauk SSSR. Institut normal'noy i patologicheskoy fiziologii). 1,500 copies printed.

TOPIC TAGS: infection, immunity, immunological reflex, nervous system, immunological inertness, gamma globulin

TABLE OF CONTENTS [abridged]:

Introduction -- 3
Ch. I. Brief review of the state of the problem of individuality in infection and immunity -- 8

~~Code 1/2~~

MONAYENKOV, A.M., kand.med.nauk

Detection of anticardiac autoantibodies in experimental lesions of the heart. Vop.revnu. 3 no.1:11-17 Ja-Mr '63. (MIRA 1614)

1. Is laboratorii immunopatologii serdechno-sosudistoy sistemy (zav. - prof. D.F.Flatsityy) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V.Parin) AMN SSSR.

(HEART-DISEASES)

(ANTIGENS AND ANTIBODIES)

ИЗДАТЕЛЬСТВО. А.М.

Relation between the reactivity of animals to the dysentery antigen and the functional state of the nervous system. Trudy Inst. norm. i pat. fiziol. AMN SSSR no.1:127-131 '58 (MIRA 16:12)

Immunological reactivity and the typological characteristics of higher nervous activity. Ibid. 133-140

1. Iz laboratorii fiziologii immuniteta (zav. - doktor biolog. nauk D.F. Pletsitsiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

MONAYENKOV, A.M.; REPIN, Yu.M.

Autoimmunological responses of the organism to the development
and reversibility of compensatory variations in the heart.
Dokl. AN SSSR 152 no.4:1009-1011 0 '63. (MIRA 16:11)

I. Institut normal'noy i patologicheskoy fiziologii AMN SSSR.
Predstavleno akademikom A.N. Bakulevym.

✱

IVANOV, Vasilii Alekseyevich; LOLODENKOV, Mikhail Nikolayevich;
KORAYENKOV, A.M., red.

[Neurodystrophic lesion of the internal organs in chronic irritations of the vegetative nervous system] Neirodistroficheskie porazheniya vnutrennikh organov pri khronicheskom raznozhenii vegetativnoi nervnoi sistemy. Moskva, Med'tsina, 1964. 115 p. (MIRA 17 5)

TOIMASSKAYA, Esfir' Semenovna; MONAYENKOV, A.M., red.;

[Nervous mechanisms in the coordination of somatic and
visceral functions of the organism] O nervnykh mekhaniz-
makh koordinatsii somaticheskikh i vistseral'nykh funktsii
organizma. Moskva, Meditsina, 1964. 166 p.
(MIRA 17:5)

PLETSITY, D.F.; MONAYENKOV, A.M.; GOVALLO, V.I.

New data on the dynamics of antibody accumulation in the
blood of animals in the immediate period after revaccination.
Zhur. mikrobiol., epid. i immun. 33 no.11:93-96 N '62.
(MIRA 17:1)

1. Is Instituta normal'noy i patologicheskoy fiziologii
AMN SSSR.

BERKOVICH, Yevgeniy Mikhaylovich; MONAYENKOV, A.M., red.

[Energy metabolism under normal conditions and in
pathology] Energeticheskii obmen v norme i patologii.
Moskva, Meditsina, 1964. 332 p. (MIRA 17:12)

L 35869-66 ENT(1) 10

ACC NR: AP6022518 (N) SOURCE CODE: UR/0391/66/000/OCT/0018/0021

AUTHOR: Monayenkova, A. M. (Moscow); Sadchikova, K. N. (Moscow) 48

ORG: Institute of Industrial Hygiene and Occupational Diseases,
AMN SSSR (Institut gigiyeny truda i professional'nyye zabolevaniya AMN SSSR)

TITLE: Hemodynamic indices during the action of SHF electromagnetic fields

SOURCE: Gigiyena truda i professional'nyye zabolevaniya, no. 7,
1966, 18-21

TOPIC TAGS: microwave, hemodynamics, human physiology, central nervous system, SHF, industrial hygiene, cardiovascular system

ABSTRACT: The aim of the present study was a more detailed study of the circulatory function of 34 personnel who had been chronically exposed to SHF (up to a few mw/cm^2). A mechanocardiograph system developed by N. N. Savitskiy permitted the accurate recording of minute volume, peripheral resistance, mean and true arterial pressure, and the degree of tonic strain in the smooth muscle of various vessels. The age of the subjects ranged from 30 to 49 and their occupational exposure to SHF ranged from 5 to 15 years or more. SHF symptoms were noted in

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UDC: 613.647+617-001.21:538.3-07:616.1-008.1-072.1

L 35865-66

ACC NR: AP6022518

all subjects. Initial symptoms of an SHF effect were characterized by light asthenic manifestations and autonomic shifts noted in 8 subjects. Moderate SHF symptoms were noted in 17 subjects and in 9, pronounced symptoms characterized by autonomic-vascular disruption and occasional diencephalic disorders were found. On the basis of these data, it was concluded that SHF and nervous-system pathology leads to circulatory disorders. From the clinical standpoint, subjects showing moderate and pronounced SHF manifestations are chiefly characterized by neurocirculatory disorders and a tendency toward hypertension. An investigation of pulse-wave propagation along smooth-muscle vessels, the elasticity module, and the relationship between elasticity modules permitted the detection of increased vascular elasticity in all stages of SHF effects. Peripheral resistance data indicated increased resistance in the pre-capillary system. EKG data revealed changes in intracardiac conductivity and sinus bradycardia caused by extracardiac regulation. An analysis of the data did not establish a strict correlation between hemodynamic changes and pathological deviations caused by SHF. However, when personnel show moderate and pronounced SHF symptoms, hemodynamic shifts are encountered far more frequently. [CD]

SUB CODE: 06/ SUBM DATE: 30Jan65/ ORIG REF: 003/ STD PRESS: 5036

Cord 2/2 *llb*

MOSEYNIKOV, A.M.

Dynamics of autoimmunological reactions during development of
experimental heart lesions. Vest AN SSSR 18 no.11:38-42 '67
(MIRA 1967)

1. Institut normal'noy i patologicheskoy fiziologii AN SSSR.

POLYAKOV, V., slesar'; IVANTY, M., slesar'; ~~MONAYENKOV, M., slesar'~~
PROSHKIN, V., mekhanik.

Worm feeder for pumping line paste. Na strof. Mosk. 1 no. 11:25
N '58. (MIRA 11:12)

(Line) (Pumping machinery)

MONAYENKOVA, A.M. (Moskva)

Functional state of the thyroid gland in chronic intoxication from
some industrial poisons (lead, mercury). Gig.truda i prof.sab. 1
no.2:44-48 Mrt-ap '57. (MLPA 10:6)

1. Is klinicheskogo otdela Instituta gigiyeny truda i profzabolevaniy
Akademii meditsinskikh nauk SSSR.

(THYROID GLAND--DISEASES) (LEAD POISONING)

(MERCURY--TOXICOLOGY)

MORAYENKOVA, A. M., Candidate of Med Sci (diss) -- "Material on the problem of the functional state of the thyroid gland in chronic intoxications with certain industrial poisons (mercury, lead)". Moscow, 1959. 15 pp (Acad Med Sci USSR, Inst of Labor Hygiene and Occupational Diseases), 200 copies (KL, No 21, 1959, 120)

JENKEVICH, N.A., kand. med. nauk; MONAYENKOVA, A.M.

Asymmetric silicosis. Trudy 1-go MMI 28:139-142 '64.

(MIRA 17:11)

1. Klinicheskiy otdel Instituta gigiyeny truda i professional'nykh
zabolevaniy AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof.
A.A. Letavet) i kafedra professional'nykh bolezney (zav. - prof.
A.M. Rashevskaya) Tsentral'nogo instituta usovershenstvovaniya
vrachey.

5(3)

AUTHORS: Bonetskaya, A. K., Skuratov, S. M., Monayenkova, A. S.

SOV/156-59-1-20/54

TITLE: The Determination of the Purity of Organic Substances With the Aid of Melting Curves (Opredeleniye chistoty organicheskikh veshchestv po krivym plavleniya)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Khimiya i khimicheskaya tekhnologiya, 1959, Nr 1, pp 113-116 (USSR)

ABSTRACT: A method is proposed for which only small quantities are required (0.4 mole). The apparatus shown comprises an aluminum block, which is electrically heated from the outside and in which the cone-shaped measuring vessel is introduced. In the measuring vessel (which consists of 0.4 mm thin silver plate) a solid silver cone is centrically suspended with a clearance of 0.6-0.7 mm between the cone and the wall of the measuring vessel. The cone contains a thermocouple of high sensitivity. The temperature gradient between the aluminum block and the sample is maintained constant by another thermocouple. The sample is introduced in a molten state into the measuring vessel and the silver cone is suspended in the vessel to urge the sample as a thin layer against the wall of the vessel. The apparatus was tested with diphenyl-amine,

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SOV/156-59-1-28/54

The Determination of the Purity of Organic Substances With the Aid of
Melting Curves

diphenyl and caprolactam, to which up to 1 mole-percent of other substances had been admixed. The tables show that impurities between 0.5 and 0.7 mole-percent were indicated with an accuracy of ± 0.05 mole-percent. Ye. N. Kanarskaya, I. Ye. Paukov, V. V. Ponomarev, and Yu. I. Rubtsov assisted in this work. There are 1 figure, 2 tables, and 9 references, 1 of which is Soviet.

ASSOCIATION: Kafedra fizicheskoy khimii Moskovskogo gosudarstvennogo universiteta im. M. V. Lomonosova
(Chair of Physical Chemistry of Moscow State University imeni M. V. Lomonosov)

SUBMITTED: June 28, 1958

Card 2/2

S/020/60/135/006/020/037
B016/B060

112110

AUTHORS: Vorob'yev, A. F., Privalova, N. M., Monayenkova, A. S., and Skuratov, S. M.

TITLE: Standard Enthalpies of the Formation of Perchloric Acid and Some Perchlorates

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 135, No. 6, pp. 1388-1390

TEXT: The authors report on standard formation enthalpies established by them concerning (1) perchlorates of potassium, sodium, and barium, (2) perchloric acid, and (3) perchlorates of lithium, ammonium, calcium, and magnesium. The law by Hess served for calculations in cases (1) and (3). For case (2) the enthalpy was determined by two independent methods: (a) on the basis of the formation enthalpies of KClO_4 , and (b) of NaClO_4 , a system of thermochemical equations 1 - 6 being used corresponding to $\Delta H_1 - \Delta H_6$. The resulting equation 6 reads for the case (b):

VC

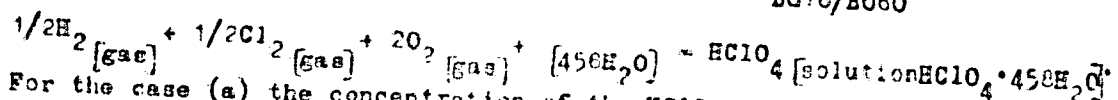
$$\Delta H_6 = \Delta H_1 - \Delta H_2 - \Delta H_3 - \Delta H_4 + \Delta H_5, \text{ or:}$$

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Perchloric Acid and Some Perchlorates

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For the case (a) the concentration of the KClO_4 solution was set equal to $\text{KClO}_4 \cdot 4500\text{H}_2\text{O}$. Correspondingly, the acid and alkali concentration in the reaction of neutralization amounted to $\text{HClO}_4 \cdot 4500\text{H}_2\text{O}$ and $\text{KOH} \cdot 25\text{H}_2\text{O}$, respectively. ΔH_1 was determined on the basis of the data obtained in the first part of the work, ΔH_2 and ΔH_3 were measured experimentally, ΔH_4 and ΔH_5 were taken from the literature. The agreement between the values obtained by methods (a) and (b) confirms their reliability. These values are listed in Table 2. The formation enthalpies of NaCl and KCl were calculated on the basis of data found in the literature. For the formation enthalpy of BaCl_2 the authors based on their own experiments (Table 1) in addition to data by H. Siemonsen (Ref. 3). The enthalpies of perchlorates dealt with in Chapter I were determined by measuring their decomposition enthalpies in corresponding chlorides and oxygen in a massive air-tight microcalori-

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Perchloric Acid and Some Perchlorates

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B016/B060

meter devised for the purpose (description in Ref. 1). Table 1 lists the measurement results. (3) Apart from the law by Hess, the thermochemical equations given in Chapter II were used for calculating the formation enthalpies. The dissolution enthalpies of the perchlorates mentioned, the neutralization enthalpies of perchloric acid by CaO and MgO as well as by solutions of LiOH and NH_4OH were measured experimentally. The value $(-29.77 \pm 0.17 \text{ kcal/mole})$ found in Chapter II of the article under consideration was used for the formation enthalpy of the HClO_4 solution.

The formation enthalpies of CaO and MgO as well as of the solutions of LiOH and NH_4OH and of liquid water are taken from the literature. Table 3 lists the results. There are 3 tables and 5 references: 2 Soviet, 1 French, and 2 German. /C

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

PRESENTED: July 5, 1960, by A. N. Frumkin, Academician

SUBMITTED: July 5, 1960

Card 3/3

ACCESSION NR: AP3001608

S/0189/63/000/003/0048/0051

AUTHORS: Vorob'yev, A. F.; Monayenkova, A. S.; Privalova, N. M.; Skuratov, S. M.

TITLE: Enthalpy of formation for OH^- , K^+ , Na^+ , Li^+ ions in water solutions

SOURCE: Moscow. Universitet. Vuznik. Seriya 2, Khimiya, no. 5, 1963, 48-51

TOPIC TAGS: alkali, enthalpy of formation, hydroxyl ion, cation, dilute solution

ABSTRACT: The enthalpy of formation for OH^- and alkaline ions has been calculated at 25C using international tables, 1961 edition, for the atomic weights. A root mean square error analysis has been made to determine the limits of calculation accuracy. For the hydroxyl ion, the calculation is based on the neutralization enthalpy of a strong acid by a strong base in an infinitely dilute solutions:

$\text{OH}_{(aq)}^- + \text{H}_{(aq)}^+ = \text{H}_2\text{O}(\text{liquid})$. This leads to the values

$$\Delta H_f(\text{OH}_{(aq)}^-) = \Delta H_f(\text{H}_2\text{O}_{(l)}) - \Delta H_{\text{neut}} - \Delta H_f(\text{H}_{(aq)}^+) =$$

$$= (-68.32 \pm 0.01) - (-13.34 \pm 0.02) - 0 = -54.98 \pm 0.02 \text{ kcal/g-ion.}$$
 When the enthalpy of formation of the hydroxyl ion is known, the ΔH_f of the cation alkali metals can be determined from the known ΔH_f of alkali-hydroxides in an infinitely dilute

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solution. In an equation form this yields $\Delta H_f(M_{aq}^{+}) = \Delta H_f(MOH_{aq}) - \Delta H_f(OH_{aq}^{-})$.

M = Na, Li, K. Finally, the enthalpy of formation for OH^{-} and the three alkalis is listed as

	How	OH^{-}	Na ⁺	K ⁺	Li ⁺
ΔH_f	expt/comp	-54.98 ± 0.02	-57.50 ± 0.02	-60.34 ± 0.02	-66.51 ± 0.04

Orig. art. has: 3 formulas.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet, Laboratoriya termokhimii
(Moscow State University, Laboratory of Thermochemistry)

SUBMITTED: 02Apr62

DATE ACQ: 09Jul63

ENCL: 00

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Card 2/2

MEDVEDEV, V.A.; YUNGMAN, V.S.; VOROB'YEV, A.F.; GURVICH, L.V.;
BERGMAN, G.A.; REZNITSKIY, L.A.; KOLESOV, V.P.;
GAL'CHENKO, G.L.; KHOZEYEV, Yu.S.; KHACHKURUZOV, G.A.;
SOKOLOV, V.B.; GOROKHOV, L.N.; MONAYENKOVA, A.S.;
KOMAROVA, A.F.; VEYTS, I.V.; YURKOV, G.N.; MALENKOV, G.G.;
SMIRNOVA, N.L.; GLUSHKO, V.P., akademik, otv. red.;
MIKHAYLOV, V.V., red.; KARAPET'YANTS, M.Kh., red.

[Thermal constants of substances; reference book in ten
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Calorimeter of a new design for measuring the energy
of reactions between solid and gaseous substances. Zhur.
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[illegible]

Activating effect of poisons in electrocatalysis. N. I. Kuznetsov and V. N. Mosolovskaya (Akad. Nauk SSSR, U.R.S.S., 1938, 6, 308-408).—The effects of traces of $HgCl_2$, As_2O_3 , and H_2S on the electrocatalytic reduction of C_6H_5N to piperidine have been studied. $HgCl_2$ and As_2O_3 had an accelerating action which, however, was temporary in the case of As_2O_3 . With H_2S the results were indefinite, but in no case was a retarding effect noticed. C. R. H.

The electrolytic oxidation of ammonia to ammonium nitrate. N. I. Kotovsk, V. V. Monobanova and A. I. Shcherbak. *J. Chem. Ind. (U.S.S.R.)* 10, 1267 (1967). NH₃ is less oxidized than is anhydrous NH₄OH in a compartment cell. The anode is a stirred Pt₂ and cathode is Pt₂ and Pt₂ cathode, as a cathode. The cathode is 10% KOH and 1% NaOH and also diaphragm glass (not tested). The effect has little effect on the reaction. NH₃ is passed into the anodic compartment during the reaction to reduce evolution of Cl₂ and keep the pH at about 8.42. About 75% of the NH₃ is oxidized to NH₄NO₃. H. M. Leicester

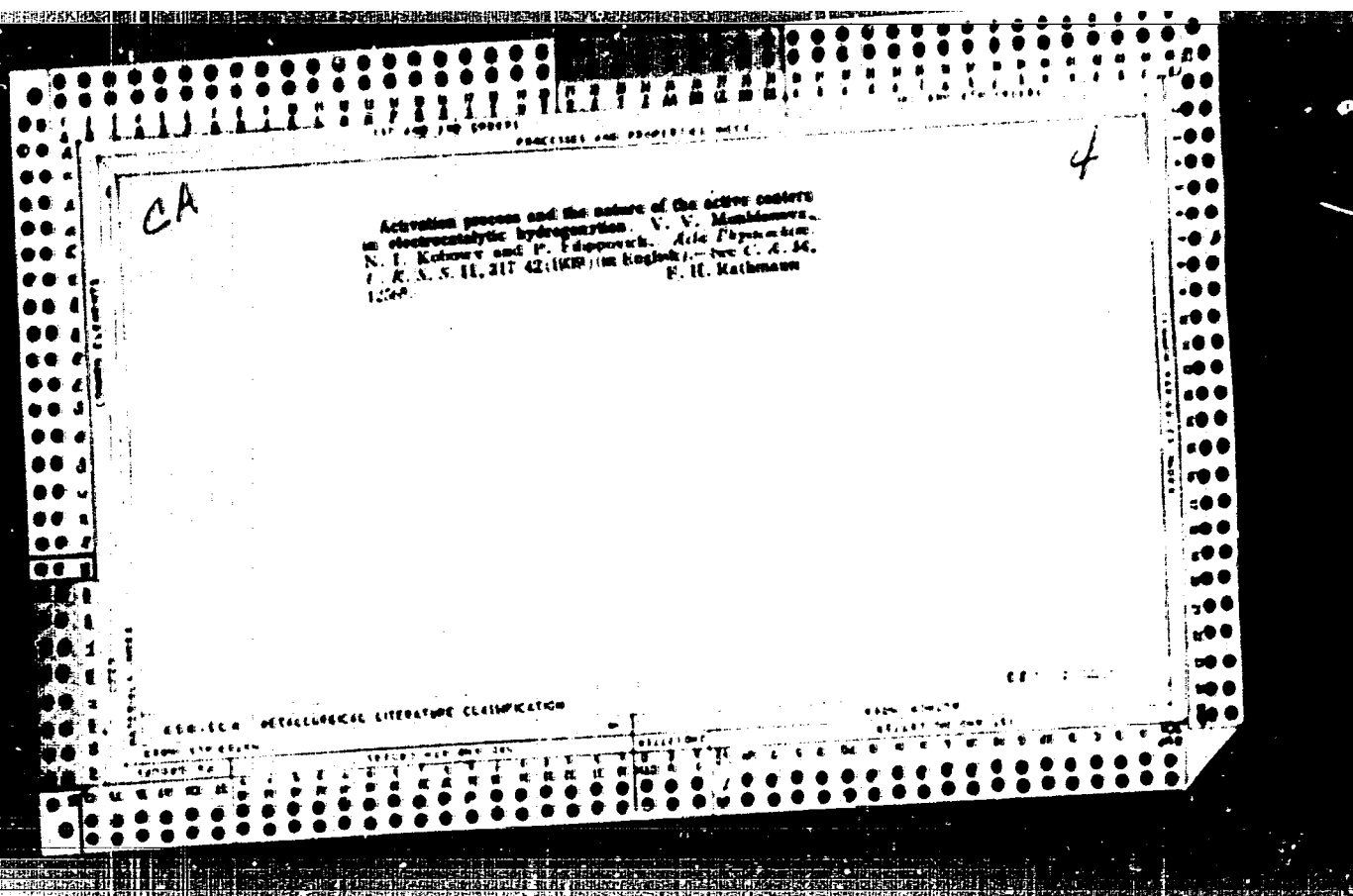
4.9.6.6. DETAILING OF LITERATURE CLASSIFICATION

● 在 1997 年 12 月 1 日以前



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CIA-RDP86-00513R001135110014-4"



CA

Activation process and the nature of the active centers in electrocatalytic hydrogenation. V. X. Monbaliu, N. I. Kabanov and P. S. Fikhtovskii. *J. Phys. Chem.* (U. S. S. R. 13, 226-40 (1969)). Data are given for the electrocatalytic hydrogenation of cinnamic acid at electrodes with large (Cu, Ag, Hg, Pt, Sn) and small (V, Fe) II overpotentials; and in the presence of catalyst poisons such as K_2AuCl_4 and $HgCl_2$. The "poison" poisons the first group of metals and activate the second up to a certain max. extent. 1×10^{-4} moles/l. in alkali, 6×10^{-4} in acid for $HgCl_2$ on a Pt cathode and 1×10^{-4} moles/l. for K_2AuCl_4 on an Fe cathode, from which the Kabanov (cf. C. A. 43, 7634) "active ensemble" could be calculated: 2.1-2.4 for Pt, 2.0 for Fe. In this case the active centers have a lowered adsorption potential due to the effect of the "poison." On a clean Pt cathode the energy of activation between 0° and 45° is 5.95 cal., on a 1% film 1.5 mol. thick 2.32, and on an amalgamated Pt cathode 1.21 cal./mol. Comparison of the effects of poisoning of polarized surfaces of smooth and of platinized platinum indicates that they are essentially the same. On Ag and Cu cathodes no reduction takes place with or without the presence of a "poison." Exptl. data are tabulated in 10 tables and 7 figs. The Rober-Gruis-Volmer and the Rouden-Rideal conceptions of electrode processes are not applicable to electrocatalytic reductions. F. H. R.

Lab. Inorganic Catalysis, Chem. Gen. Phys. + Colloid Chem. 2nd Div. Int.

The excited state of cathodic hydrogen. I. Kolesov, V. A. Moshalova, and S. A. Kudrya. *Sov. Phys. Chem.* 1972, 48, 20, 651 (English). *Appl. Supersaturation of W.C. and*

not reduced by mod. H, and are only slowly reduced by cath-

ode H. When 20 cc. of H₂ is cathodically liberated in 10 min., 10 cc. is used up for reduction. W.C. suspensions containing Pt are slowly reduced by H₂, a suspension containing Pt and 10% of Pt (total 10% of H₂). Cathodic H₂ reduces them more rapidly, the suspension containing Pt and Pt (total 10% of H₂). The rate of reduction depends little on the content of the cathode (platinum Pt, bright Pt, or Pt), decreases in time, and is greater the greater the content of Pt in the W.C. Pt in the W.C. is as active as Pt. One nanogram in a suspension of H₂SO₄ in H₂O + Pt (0.1% of H₂SO₄) also reduces cathodic H₂ at a Pt cathode slowly, but the absorption is much accelerated by adding 10% of Pt to the H₂SO₄. It is concluded that H₂ goes through 2 stages before they reach the state of normal H₂ mod. These stages are H atoms and excited H₂ mod. Since electric current deposits H atoms on those parts of the cathode surface that possess only weak attractive forces, the energy of absorption of cathodic H₂ is smaller than that of "naturally" adsorbed H₂. The difference between the 2 energies is greater the greater the overvoltage η . Therefore, from the cathodes with a great overvoltage H atoms can be desorbed, and those with a moderate low H₂ as excited mod. Atoms of H₂ reduce W.C., excited mod. reduce W.C., Pt, and ordinary mod. should reduce W.C. at all.

I. I. Biktanov

AD-114 METALLURGICAL LITERATURE CLASSIFICATION

4

The excited state of cathodic hydrogen. N. I. Kohn-
sey and V. V. Mendonça. *Zhur. Fiz. Khim.* (J. Phys.
Chem.) 22, 1811-12 (1948); cf. C.A. 41, 842h.—Suspensions of CaCl_2 in aq. CaCl_2 are electrolytically reduced on
an amalgamated Pb (high overvoltage), but not at a Fe
cathode (low η). Suspensions of pyrochlore in aq. H_2SO_4
are not electrolytically reduced at any electrode although
 MnO_2 is a semiconductor. This refutes Bagotzki, et al.
(C.A. 41, 8478e). J. J. Riberman

M. M. Monblanov, V. V.

③ *Chem.*
Solubilities of some β -amino acids. M. V. Monblanov
and V. M. Rodionov. *U.S.S.R. Acad. Sci. Div. Chem. Sci.*
Moscow. *Zhur. Obshch. Khim.* 25, 1769 (1953) (1953).
Solv. of $H_2NCH_2CH_2CO_2H$ in H_2O at 25° is 0.125 moles per
l.; that of $PhCH(NH_2)CH_2CO_2H$ 0.120; that of β -Cally-
 $CH(NH_2)CH_2CO_2H$ (I) 0.07226; that of $MeNHCH_2CH_2$
 CO_2H 1.760. Variation of solv. of I with increase of concn.
of H ions in aq. HCl is indicated below. In HCl soln. with
pH 2.09 the solv. of I is 0.89 (moles/l. $\times 10^2$) and pH of
soln. is 2.69; in HCl of pH 1.89, the solv. is 1.244 and final
pH is 2.47; in HCl of pH 1.68, the solv. is 1.618 with final
pH 2.07; in HCl of pH 1.37 the solv. is 2.49 and final pH is
1.71; in HCl of pH 1.22 the solv. is 2.955 and final pH is
1.49. Approx. pK of the acidic disocn. of I is 2.09-3.21 in
the concn. range from 0.061 moles/l. to 0.00695 moles/l.,
with use of the concn. values as activities. G. M. K.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
General and Physical Chemistry

1188

On the nature of cathodic hydrogen. V. V. Monbaliu, and M. I. Kabanov (M. V. Lomonosov State Univ., Moscow, U.S.S.R. *Fiz. Khim.* 29, 480-4 (1955), cf. C.A. 47, 4784b). A series of 5 (0.4-1.2 g.) in 5 ml. $N H_4SO_4$ was introduced in the cathodic compartment, using a different cathode; the cathodes were alternately polarized with a c.d. of 0.015 amp./sq. cm., and the gas evolved was analyzed for H_2 . The current yield of H_2 varied from one to another exp., but generally was greatest for cathodes of smooth Pt, followed by platinized Pt > amalgamated Pt > amalgamated Pb > Hg. This order did not coincide with that of rising or falling H overvoltage. The yield of H_2 was greater at higher temps., and the energy of activation was 12-17 kJ/mol., e.g., more typical for chem. than for electrochem. reactions. Presumably, S reacted with evolved H_2 , made, rather than with an. H. J. Dikerson

KNYSH, I.T., dotsent; HONCHUK, A.S., kand. med. nauk; MONELANOV, V.V., kand.
med. nauk

Comparative evaluation of the treatment of pseudoarthrosis and
defects of long tubular bones. Ortop., travm. i protez. 25 no.6:
27-31 Je '64. (MIRA 18:3)

1. Iz kafedry ortopedii (zav. - prof. A.G. Yeletskiy) Kiyevskogo
meditsinskogo instituta (dir. - dotsent V.D. Bratus') i Ukrainskogo
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Ecologic factors and the principles of their classification. Analala
biol 17 no.2:113-124 Mr-Apr '63.

Country : USSR V
 Category : Pharmacology and Toxicology. Chemotherapeutic Preparations. Antibiotics
 Abs. Jour. : Rcf Zhur-Biol, No 13, 1958, No 61537
 Author : Moncevicute, E.
 Institut. :
 Title : Streptomycin in the Treatment of Acute Peritonitis
 Orig Pub. : Sveikatos apsauga, 1956, No 11, 18-23
 Abstract : The results of the use of penicillin and streptomycin in acute diffuse peritonitis are given. Mixed flora consisting of staphylococci and E. coli is sensitive to penicillin, although when isolated in pure culture, E. coli is insensitive to it. Apparently, through its action on staphylococci, penicillin increases the sensitivity of all biocenotic bacteria. Saccharolytically inert variants of E. coli appear under conditions unfavorable to the bacillus; it changes

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Mathematico-statistical methods in scientific medical work. Sveik.
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1. 50131-12 100(1)/EAT(1)/EAT(1)/EAT(1)/SPA(1)-2/EAT(1)/EAT(1)/EAT(1)-2/EAT(1)/
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BOOK EXPLOITATION

Pub-10/17-4/Pu-4/Pu-4/Pu-10/Pu-4 0/00/00/00/00 00/

Heinrich, Wilhelm Christian (Doctor of Philosophy, Professor)

New and tested high vacuum techniques. (Neues und Bewährtes aus der
 Hochvakuumtechnik) Berlin, VEB VT, 1961. 100 p. illus., biblio., indices.
 tables. No. of copies printed not given. Second reprint of first
 edition.

Series editor: Heile, Universität. Institut für Angewandte Physk.
 Fachbereich 1

TOPIC TERM: vacuum, vacuum engineering, vacuum production, vacuum
 effect, high temperature vacuum, vacuum calculation

PURPOSE AND COVERAGE: This book is intended for scientists, engin-
 eers, and technicians working in vacuum engineering, primarily in
 the vacuum-tube industry. The book discusses the problems con-
 nected with producing and maintaining a vacuum in laboratories and
 plants. The designed use of various pumps are described, together
 with sealing techniques, vacuum-control instrumentation, the effect

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of vacuum on metals, alloys, glasses, ceramics, carbon, and lubricants, vacuum at high temperatures, and the theory and principles of vacuum calculation.

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- 11. Manufacture of parts -- 687
- 12. Manufacturing and handling of vacuum connections -- 687

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SECRET

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- III. Handling of individual parts -- 880
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SUB COM: EN, CP, CC

SUBJECT: D

NO RLY SOV: 004

OTHER: CP

SUBJECT: D

ALL

5/5

MONCHAE, F.A., kand.med.nauk

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"Attack of mosquitos on man in natural conditions of the subarctic and factors of regulating it," Div. of Parasitology, Inst. Zoology, Acad. Sci. USSR.

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(Larva of bloodsucking mosquitoes in the U.S.S.R. and adjacent countries) Moskva,
Izd-vo Akademii nauk SSSR. 1961

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"Insects, cockroaches; fauna of the U.S.S.R." New series, no.

40. G.IA.Bei-Bienko. Reviewed by A.Monchadskii. Ent.obozr.31:

347 '52.

(MIRA 7:1)

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1. Zoologicheskii institut Akademii nauk SSSR.

(Mosquitoes)

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DUBININA, M.N.; PAVLOVSKIY, E.N., akademik, redaktor; IVANOV, A.I.,
redaktor; KRYZHANOVSKIY, O.L., redaktor; MONDACHSKIY, A.S.,
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[Studies on the parasites of birds] Parazitologicheskoe
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132 p. (V pomoshch' rabotaiushchim po zoologii v pole i
laboratorii, no.2) (MLRA 8:11)
(Parasites--Birds)

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